



Roger W. Arnold W4EHV
221 SW 22nd Ave.
Miami, Fla.

FLORIDA SKIP

A Non Profit Organization

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The All Florida Radio Amateur's Publication

MAY 1964

TOP SECRET

by GABBY

Dear Editor,

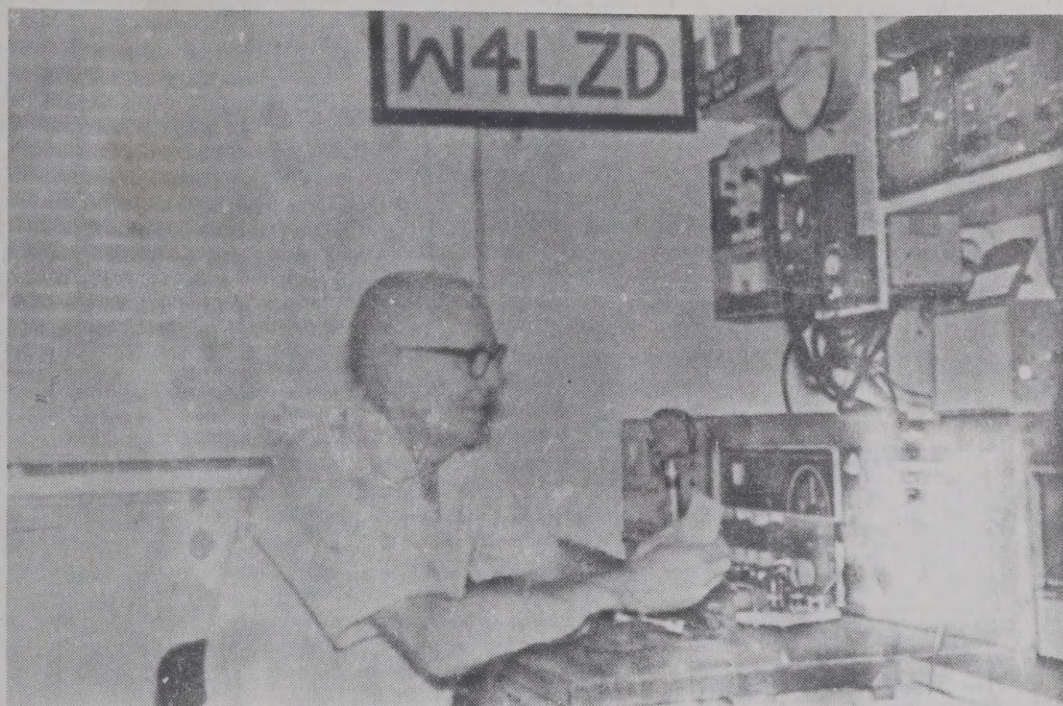
I just can't see how some of these guys get elected president of these Amateur Clubs.

You take last week they appointed a guy to handle club traffic and I have twice as much power as he has. Besides he's just a kid.

Yes I know the traffic they gave me last month wasn't sent, but I couldn't help it, I blew a rectifier. Guess I should have told them.

The last club meeting we didn't have any movies because I forgot to bring the keys. Well that could happen to anybody. Anyway I had seen them before, so I didn't feel too badly about it.

Now I will admit that I'm six months behind with my dues, but that can't be the Reason. The Officers are just inefficient and don't like me.



Here is a guy that keeps Miami Beach hot on the Hi bands, Saul Cohen K4ACJ of 4524 Michigan Ave. Saul likes his DX and VHF, and always is ready for a rag chew. Look for him on most any band.

73

CABB - JAX

HE SAT UP IN A CHAIR.....FOR THE FIRST TIME IN 28 YEARS.

A moving event was acted out at Winter Park Memorial Hospital recently. An event so charged with drama, it seemed more like an over acted T.V. play than fact. The final act was simple, a man sat up in a chair, but the long action leading up to this moment made that minute an overpowering one. It was the first time John Lowe, K4HJV had been able to assume an erect position in 28 years.

Lowe, 2 52 year old Lake Wales resident was stricken by arthritis while only in his late teens. Five years later he was blind, and a deformed cripple, completely disabled and helpless. His hands and wrists were badly deformed. The hands being drawn under to more than a 90 degree angle. His hips and knees were also affected, making it impossible for him to stand, or even sit up. His fingers were also deformed, although he managed to use them some.

Lowe was cared for by his mother as long as she was living and able to do so, but for the past five years he has been a ward of Polk County.

About the only thing Arthritis didn't deprive John of, was his courage. With the help of interested Polk Countians he learned to operate a rig, and to read and write Braille. Armed with this doorway, he fought his way out of the confines of a hospital room and immobility to become a member of Polk County Civil Defense Radio Network.

In January of 1963, a noted Orlando Orthopedic surgeon expressed confidence that a series of operations could

Continued on back page

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Club, Tampa, Herb Smith, K4LML, 214 Columbia Dr., Apt. 3, Tampa 6.

Club, NFARS, W. O. Reynolds K4VGL, Box 2202, Jax. 7.

Club, SMRC, John Larabell W4AMV, 2725 SW 92nd Ave., Miami 35.

Club, Bill Wells K4RDP, 206 NW 19th Ave., Gainesville.

Club, HARS, Roy Scott, W4UHF, 8643 Twin Lake Blvd., Tampa 4.

SCM E. Fla. Guernsey Curran, W4GJJ, P. O. Box 48, Palm Beach.

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SEC — Western SEC, George Thurston W4MLE, 2116 Gibbs Dr., Tallahassee.

QFN: Bill Dunham, W4TRS, 2204 Floyd St., Sarasota.

Editor, Florida Skip:

Enclosed is a check for \$5.00 for 3 years subscription. I have enjoyed the publication and would like to continue. I had to come home to Iowa City before I could send my check. I would like more contacts with some others I talk to K4KDN on Fridays and W4KJG, Dave on Tuesdays. How about it?

Al Braley WOGET
720 McLean
Iowa City, Iowa.

Dear Andy,

Having received the carbon copy of the letter you wrote Fred Yanetz with the note to me, I would like to explain what has happened in the past three months to the club.

The Delray Beach Radio Club made a mistake about two years ago which was; letting CB (Citizens Band) operations into the club who were supposedly interested in becoming "hams". These CBers have grown in size and intensity and now control the club with the majority in number. At the last election, which was held the first of January, the CBers elected only themselves to all offices and Board of Directors, thus literally forcing the amateurs out of the picture.

With this revolting development in the minds of all our local hams, which number a mere dozen and one-half, we thought our only alternative was to stop our attendance and support of the club.

I sincerely hope that other amateur radio clubs may profit from our mistake and be on guard, by thoroughly screening persons who wish to join their organization. If you wish to publish please feel free to do so.

I appreciate Mr. Fred Yanetz' nomination for the Florida Skip Award, and also your offer to visit what used to be "our" club.

Having heard what happened to the "ham" part of the club, you can probably understand why Fred didn't answer your letter. The box you wrote to is the club address, but Fred was one of the first to drop from the rolls when the new "regime" took over. Consequently, he most likely never received your letter. Please accept my apology for him.

I will keep you posted of any new ham developments in this area. Thanks again for your interest.

73,

Cliff K4LLI

P.S.: Don't feel that we hams of South Palm Beach County have given up! Far from it! We have no plans for a new club right now, but we do get together for dinners and ham-talks often. Also thought you might be interested in the enclosure which was distributed throughout Florida in January.

Dear Andy,

Each night at about 1700 EST there is a foreign broadcast station on 7.07 Mc. This station interferes with us here in violation of the radio treaties. Please read in March's issue of QST, "Intruders in the Amateur Bands". I made a report to ARRL concerning this station. They need complete information to lodge a protest.

I do not understand the language being used by this foreign broadcaster; thus I can't supply the complete information. ARRL needs the station's call letters, its location and any other information you hams may feel is important. Some of your readers will be able to understand this station and can supply the information required by ARRL.

Also the more ham stations reporting interference, the better to help ARRL in its protest.

Send the reports to Mr. Raymond T. Higgs, K1FLG, Assistant Secretary, ARRL Headquarters, Newington, Connecticut, 06111.

Remember, fellows, this information will only cost you a stamp. If you fail to report ARRL, blame yourselves for commercial foreign intrusion.

73,

Frank, W4TZY
Cocoa Fla.

Editor, Florida Skip:

Enclosed two bucks for next year's best little Ham Rag. I need some advice and maybe you can help me. I have a Viking "Valiant" and a "SB-10". It has provisions for output from the SB-10 to the Valiant. Do you know of any ham who has that combo and maybe able to let me know how?

All is well in St. Augustine and we are keeping CD on the map.

73,

Bob Baird, K4BWO

in operating in and out of USA spots, be sure to take a Variable transformer and meter. Voltage regulation in the Islands is poor and can vary from 130 down to 90, CPS from 50 to 65....

W4NUT

Guide For Beginners In Traffic Work

Handling of messages is best accomplished in organized "nets", I. E., groups of stations meeting at scheduled times on specific frequencies. The organization of Nets sponsored by the ARRL is known as the National Traffic System (NTS) and is made up of Sectional nets covering each ARRL section; regional nets consisting of representatives from the local sections in the region; and AREA nets made up of representatives from the Region nets.

Under this system, the Florida Net (arbitrarily designated QFN) meets on 3651 KCs at 2330z and 0300z (6:30 and 10:00 P.M. EST) daily and is the common meeting ground for all Florida CW traffic handlers from both the Eastern and Western Florida Sections. Since Eastern Florida is in the Fourth region and Western Florida is in the Fifth region, QFN must send representatives to each of these Regional nets. In QFN, traffic for destinations in Florida is routed to the nearest station for delivery. Traffic for out of state destinations is transmitted to the 4RN or RN5 representative, depending on where it is going. Generally speaking, traffic for Alabama, Tennessee, Kentucky, Indiana, Wisconsin and points west should move through RN5. Other traffic goes through 4RN.

To expedite the transmission of instructions and information in the net, a system of "Q" signals is used, as shown in appendix A. The net is called to order by the NCS (Net Control Station), requesting all stations to zero beat his frequency (QNZ) and report according to the system designated by the appropriate Q signal. When reporting into the net, you should list your traffic by destinations if going to points in Florida, and by either 4RN or RN5 if going out of state.

(Example: W4NCS de WA4XYZ QTC1 Miami, 2 Tampa, 1 RN5, 2 4RN AR). After acknowledgement by the NCS, wait for his further instructions. He will probably direct you to move off frequency with some other frequency with some other station to transmit your traffic. He may also direct you to move with some other station and

receive traffic for your locality for delivery.

Becoming a part of the machine that performs this public service on behalf of amateur radio can be a lot of fun. The above outline covers very briefly how a net works and what the National Traffic System is. With this as a start, much more can be learned by actual participation. A few "do's" and "don't's" will help. Always zero beat the NCS - and we mean ZERO, not just within a KC or two. Use full break-in operation if possible. Most all good traffic men have their stations lined up for full break-in. Avoid unnecessary explanations and superfluous remarks on the net. When sent off frequency to handle traffic, do so promptly and get back on the net frequency as soon as possible. Learn the meaning of the Q signals so that when you hear them you will know what is going on, and when they are directed to you, you will know what is expected of you. Use the standard ARRL message form in sending traffic and send it in the proper order. Always check your messages; accuracy counts and that one way of insuring it. Before making any transmissions on the net, such as to QNI after being sent off frequency, always be sure that you are not interrupting something that is going on. Listen first. Don't leave the net without permission from the NCS. There is nothing so frustrating to the NCS as to have a station QNI and then disappear. Listen to the more experienced operators and emulate their methods of operation.

At the end of each month, the amount of traffic handled should be reported to the SCM, broken down by number of messages originated, received, relayed and delivered. A message received by radio and later relayed counts as one received and one relayed. A message originated counts as one - a message received by radio for yourself counts only as one received but, if delivered to someone else in the same town by phone or mail, it also counts as one delivered. Your SCM will list your traffic in QST with others in the Section.

Many new as well as old tim-

Tube Substitution Handbook

The complete, up-to-date Howard W. Sams TUBE SUBSTITUTION HANDBOOK, 7th Edition, now lists over 10,000 substitutes.

Practically everyone concerned with the replacement of vacuum tubes has, at one time or another, been faced with the problem of considering substitute types because an exact replacement is not readily available, or is not readily available, or is no longer manufactured. This popular guidebook to replacements provides the answers for all solvable substitution problems.

The first section is a cross reference of American receiving tubes, listing nearly 7,000 substitutes for over 2200 types. The second section is a cross reference of subminiature tubes. Section 3 contains industrial substitutes for receiving tubes. Section 4 provides a complete substitution listing for communications and special-purpose tubes. Section 5 and 6 cross-reference American for foreign-made tubes. The final section lists recommended substitutes for picture tubes.

Invaluable as a reference and working guidebook for anyone whose work involves vacuum tubes, this new 7th edition is more complete and up to date than ever - in fact, it lists more valid DIRECT substitutes than any other cross-reference guide available.

TUBE SUBSTITUTION HANDBOOK is available from electronic parts distributors and bookstores throughout the country, or from Howard W. Sams & Co., Indianapolis, Indiana 46206. 128 pages, \$1.50. Catalog No. TUB-7.

ers find traffic handling a satisfying facet of amateur radio. We hope you will, too.

K4KDN, RM, E. Fla.

Orlando Ramblings

The Alaskan earthquake news brought quick action from several local amateurs. Evalyn K4UIZ was called early Saturday morning by the City Desk of the local paper, who had received the flash from their wire services. Wes K4KRC was notified. He, George, K4QCI and Lloyd WA4FXE hastily erected a two meter antenna (in the pouring rain) at Kin's W4KIS. Ken had offered to be the liaison with the MARS nets which handled the bulk of the traffic to Alaska.

Hal, W4BKC and EV, K4UIZ went to the Red Cross building and activated the Orlando Amateur Radio Club station W4PLB. Don Northey, Chairman of the local Red Cross soon had busy staff feeding welfare traffic into the radio room where they were put into message form by Georgia K4ZXS and EV and relayed via two meters to Ken, W4KIS then to the MARS nets.

The local papers provided coverage of the activities which secured some favorable publicity for Amateur Radio. Ivan, W4YJM reported considerable traffic passing thru his station.

The Orlando and Winter Park JayCees are sponsoring "Oral Sabin Sunday" on April 12. This is a mass immunization effort against Polio. There will be forty different dispensing points in Orange County. Contact with the Headquarters and storage point presented a problem this will be handled by local Amateurs. Georgia K4ZXS reports she has 104 local hams who will man equipment from 10:00 A.M. to 6:00 P.M. and again on June 7th when the second dose of vaccine will be dispensed.

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TRAFFIC TOTALS

(e. Fla. - March):

W4KIS 1421; WA4BMC1373; WA4IJH 990; K4KDN 403; K4BY 384; W4DFU 375; W4URX 369; W4TUB 348; W4IAD 332; WA4COR 301; WA4LBM 280; W4BKC 258; K4NCN 204; WA4RSQ 183; W4SDR 136; W4AKB 131; K4FQP 103; WA4BAW 100; W4IEI 88; K4LCF 85; W4MIN 85; WA4JYB 84; W4OGX 82; WA4KDL 80; K4MTP 79; WA4LHK 70; K4DAX 56; WA4IWO 55; W4IYT 54; K4SJH 51; WA4GDS 50; W4GWF 49; W4VWL 48; W4GUJ 48; K4UIZ 37; W4TJM 36; K4QaY 35; WA4ESS 34; WA4FYV 33; K4EBE 33; W4SME 30; W4FF 28; K4ENW 23; WA4KZF 22; W4GJL22; K4ILB 18; WA 4RBM 18; W4zjz; K4ILB 18; WA4RBM 18; W4ZJZ 13; W4IAFP/4 13; WA4EVQ 11; W4NOK 9; WA4RXG 4; WA4OBD 2; Late February: WA 4JRB 147; W4LVV 6; WA 4EVQ 4; K4Vfy 261; W4ZWD 23

(W. Fla. - March)

K4Vfy 740; WA4IMC 399; W4BVE 280; WA4ECY 138; WA4FIJ 120; K4SMB 103;

Net	QNI	QTC	AVG	SES
FMTN	545	688	26.4	--
FPTN	412	212	8.11	26
WFPN	--	135	4.3	31
TPTN	619	395	12.7	--
7-11	10	245	9.7	27
DEN 6	62	26	4.6	5
QFN	--	--	--	--
GN	30	247	8.0	--
FAST	767	423	18.2	--
VHFTN	184	95	5.0	19

SUNCOAST VHF CLUB NEWS

Our March 8th hidden transmitter hunt had 9 cars, all going every which way. Really a tough hunt. K4QHN would have been first instead of last if they could have figured a way through that field. WA4FEO came in second and K4LYS was first and still looking for an even sneakier place to hide the transmitter. I have a feeling we'll all need radar and plane spotters for this next one.

Our Pot Luck supper was a real success, thanks to Edna K4CSC. We had approximately 50 hungry people eating all that good food.

Our Congratulations to Lee K4WXS. She is our new Pinellas Co. EC. Know she is working very hard to get re-organized. She wants up-dated information from all those who are members. Please contact her to have your cards brought up to date. Drills are being planned, so keep your ears open and see what happens. K4CNB Ned has been re-named Asst. EC for 6 meters and also 2 Meters. Got your equipment in shape?

The Southeastern Speed Boat Regatta, contacted Ned, K4CNB to see if we could furnish communications for them this coming fall. This event will be televised and will be a big boost for Amateur Radio and this area. Hear Wide World of Sports will be taping it.

Hamfest plans are under way, along with Field Day. Mark your Calendars and come over July 19th. Be looking forward to seeing you at our Hamfest.

Enjoyed W4IYT's surprise visit up here to present Lee with her EC Certificate. That night will not be forgotten for a long time. What fun!

Spent Easter with Hilda KHEAC. Had a swell time, and WA4KYA & WA4ILY have the new Heath Color TV. WA4IMS, their son, is here on a month's leave. Then off to Goose Bay. Brrrr! Glad I'm here in Florida. Fran, W4BIL, had all the gals on the YL net out for Home grown strawberries and shortcake, and lunch. All had a wonderful time.

K4LYS and K4AVH have their 2 meter converters working and will soon get the transmitters finished.

Smitty WA4GMT, doing a fine job on the Thursday night net. Had over 50 check-ins last week. Who'll make it 60??

Quite a gang from here went to Orlando.

73

Nancy WA4EDL

DADE EMERGENCY NET

Since 1954 the Dade Emergency Net has held weekly practice sessions each Monday at 8 P.M. on 29.5 mc. This spot was chosen to avoid QRM when the band was active, however with 10 meters being dead most of the time, there is no reason to continue operating that high up on the band.

We find that many of the currently manufactured transmitters do not cover the high end of 10 meters, also a number of mobile rigs have 28.8 mc crystals, so it has been suggested that the DEN operate at 28.8 mc. Starting May both 29.5 and 28.8 mc. will be monitored with acting net control transmitting on 28.8. Please pass this information on.

73s

Jay, K4JAL

Net Mgr., DEN-10

West Florida Phone Net

WFPN, better known as ARPSC Net Bravomeets daily, including Saturdays, Sundays and holidays, at 2300Z on 3836 kc. It accepts check-ins on SSB, AM, and even c.w. If RTTY were allowed on the frequency there are stations who could copy. The net sends representatives to QFN, EAST, FMTN, 4RN and 5RN and handles all West Florida traffic plus outgoing traffic for anyone who cares to check in.

The net has an average QNI of 23 with representation in all of the more populous West Florida cities and towns plus some you probably never heard of.

Make it a point to check in at 2300Z on 3836kc any ole time. Dick Ackerman WA4FIJ, Net Mgr, WFPN & Net B.

Florida RTTY Net In Planning Stage

Plans to launch a State-wide RTTY net are taking shape according to Fred, W4RWM, who is heading up the effort to establish the net as RM for the Eastern Florida Section.

The first step, that of naming key county RTTY stations has already started and the following have already indicated that they would assist in the move, by acting as key stations for their counties:

Albert, W4WMN, Jacksonville, Duval County; Bud, W4KXP Deerfield Beach, Broward County; Orlando, Orange County; Bob, K4JJZ, Avon Park, Okeechobee County; Bob, W4GWF, Loxahatchee, Palm Beach County; Gene, K4KXP, Deerfield Beach, Broward County; Ron, K4MMK, Cocoa, Brevard County and Fred, W4RWM, Daytona Beach, Volusia County.

Each key station will develop his county RTTY potential, so that each county may operate independently of the other, but tied together at district and State level through county key stations.

All RTTYers in Florida are invited to join in this effort and full information and details may be secured from the Florida RTTY Society, Inc., P.O. Box 6047, Daytona Beach, Florida.

Keeping A Club Alive

Sharing our interests and experiences with other hams is one of the greatest pleasures of amateur radio. Much of this will be done on the air, but there are worthy projects and ventures that require personal contact. Clubs organized on a local scale can unite hams and accomplish many things otherwise impossible.

Most of us have had experience with clubs that started out with a bang, but folded up after only a few meetings. This is to be lamented, for clubs can well serve the interests of its members.

Here are some suggestions drawn from observation that can help you to keep your club alive.

Monthly or semi-monthly meetings usually work out better than weekly, but be sure members are kept aware of the meeting time.

There must be something at each meeting to make it worth attending, one meeting dominated by an hour of detailed business and haggling is worse for a club than a tornado striking the meeting place.

A club must have good leadership. A person who is popular or a big man-on-the-band may not be the best choice for president. Ability to conduct an orderly meeting, to secure cooperation, and to plan ahead are minimum requirements.

Meetings must be conducted in an orderly manner. Roll taking and the like can be done silently by the secretary. Either too much or too little parliamentary procedure is dangerous. Too much stifles discussion. Too little lets one person dominate. Most hams prefer a rather informal atmosphere, but if this goes too far some refugee from a rag chewers net hogs the show every time.

Keep the business part of the meeting brief. Most of the details of proposals can be worked out by the committee before the meeting. There should be time

for discussion, but members should know they are free to make suggestions to the committee before the meeting.

Committees should consist of people who can get things done, this kind of organization will prevent tedious sessions that wreck more clubs than anything.

The foregoing will serve mainly to keep the club from committing suicide. Now, how about making it worth keeping alive. Here are two important ingredients.

First, the programs must be interesting. What is considered to be interesting will not be the same for everyone and this item will demand real ingenuity on the part of the program vice-president and his assistants. Technical lecturers are hard to find in most instances and expensive in others. Some alternatives are: a panel of persons who have experience in handling interference, general discussion of problems associated with mobile work, explanation of new circuit twists by member, book reviews by member

with a technical turn, and so on.

Second, get a club project going that most members can take an active part in. I saw a picture of one group that had all built transceivers from scratch. A really good club station built out of materials donated by members could be used for experiments such as OSCAR tracking, propagation studies, and satellite and moon bounce of signals. Civil Defense organization is always good for public relations.

A CLUB THAT IS DOING

NOTHING WILL BE NOTHING.

Finally, light refreshments at the end of the meeting promote fellowship and idea exchanging among members. Many will stay, and share their knowledge over a cup of coffee, who would otherwise lead the stampede for the exit at adjournment.

Roses are red
Vilots are blue
Glad you told me
My renewal was due!

the HAM SHACK

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SHUT-INS COMMUNICATE WITH WORLD'S FAIR

Amidst the excitement and bustle of the preparations for the New York World's Fair, it's understandable if the shut-ins and handicapped--the people who have no chance of getting to the Fair in person--might feel left out.

But there are arrangements under way to help many of them capture the thrilling spirit of the world's greatest fair.

The finest three-position sending and receiving station ever built for amateur radio communication will be found in The Coca-Cola Company Pavilion. Several thousand shut-ins are enthusiastic "ham" radio operators.

Medical experts have long recognized "ham" radio's therapeutic benefits. Radio "hams" can be found in Veterans' Hospitals, rest homes and private hospitals. Even polio victims have chatted via short-wave radio from iron lungs. For the spastic, blind or otherwise handicapped person, radio is a Godsend since it establishes friendships throughout the world.

The plans to bring the excitement of the World's Fair to those handicapped persons unable to attend in person are centered in the unique communications area of the Coca-Cola Company Pavilion.

Daily special reports "CALLING ALL SHUT-INS" will be transmitted from the World's Fair amateur radio station. Celebrities and other important visitors will be invited to send their personal messages from the World's Fair to the physically handicapped.

The highlights of each day's events will reach people like an amputee in Iowa or a polio-stricken housewife in New Zealand, or a "ham" confined to a wheelchair in London, in a special personalized form.

And, of course, any shut-in ham radio operator who wants to tune in to the excitement and glamour of the World's Fair can contact one of the operators at K2US, the special call letters assigned to the amateur radio station in the Coca-Cola Company Pavilion.

It's certain the handicapped shut-in can make new friends with the ham radio operators who have volunteered to keep the Fair station on the air and also link themselves with the exhilarating atmosphere of the New York World's Fair.

OUR THANKS

FLORIDA SKIP would like to thank Mr. Gordon L. Flaten WOEYM, Customer Service Supervisor of the E.F. JOHNSON COMPANY in Waseca, Minnesota for sending us about a dozen excellent diagrams which will be reprinted in future issues of SKIP for your information.

Many SKIP members cut out these diagrams and carefully file them for future useage. We know of at least three amateurs who have every diagram printed.

By the way, SKIP is always looking for material for publication. If you have any ideas you would like to pass along, we'd love to have them. - AC

NOMARC

On April 9th NOMARC held its first meeting in the North Miami Municipal Building. The building is still under construction, but many of the rooms have already been completed and progress is rapid.

The meeting was notable for the extraordinary quiet and order in which it was carried on. I suppose that this was due to the influence of being in a new location;but, whatever the cause, let's keep it this way.

At the meeting plans for supervised lessons, new policies and the setting up of WA4KJF (club radio station) in the new QTH were discussed.

We have planned a series of lessons in the near future on code, theory, FCC regulations, and operating procedure. While the dates have not yet been selected, these lessons will be held in the Municipal Building. The purpose of these sessions is to provide efficient disaster communications operators who know what they are doing. Certificates of proficiency will probably be awarded to those who qualify for them. All amateurs who are interested are invited to attend these lessons as soon as the dates are set. However, we want only interested amateurs who are coming for more than just a social visit.

On April 11th and 12th an antenna party was held. Five cables were snaked the 200 feet from the basement to the roof and antennas for 40, 6 and 2 meters were erected (all up about 75 feet). Those who showed up to do their part of the work were K4FMA*, WA4JYB*, WA4MKD*, K4ZDS*, Brad and Karl Richardson*, WA4IWO, WA4LHK, and WA4PWF (those with an * showed up both days). There is a lot of work to be done in the setting up of the station and organizing it. The rule of the day is: You get what you work for. Many hands make light work, and all members are expected to do their part.

For the benefit of those operators who blast the room with the receivers, all speakers on the rigs are being disabled and only headphones will be used.

Since space in SKIP is limited, I'll have to say

73,
Dave, WA4JYB

11th BILLY BOWLEGS FESTIVAL

The Whip-Snappers Mobile Amateur Radio Club of Okaloosa County, Florida will hold a 'Hidden Transmitter' Treasure Hunt, as part of the Annual Billy Bowlegs Festival, June 14, 1964 at Fort Walton Beach, Florida.

Frequencies monitored 3836, 29.560, 50.250 and 145.2 mc. For further information contact Randall F. Counsman W4UXW, P/O. Box 294, Shalimar, Florida.

VHF IN FLORIDA

W4VTJ

It has been the consensus of opinion that the VHF gang on the east coast of the state would like to have a get together similar to the one held at Bartow each fall. So the fellas and gals at the Martin County Amateur Radio Club have decided to give vent to the consensus. It is planned to hold this fiasco at the Jonathan Dixon Memorial Park, a very central location on the east coast - also an excellent spot for such activities as hidden transmitter hunts, etc., due to the winding roads and good cover. It is expected that the first two weeks in June would be the most appropriate time, and the gang at M.A.R.C. would like to hear pro and con from all of the VHF and UHF bunch as soon as possible, so that they can start to make the necessary arrangements to kick off the Number One East Coast NHF picnic. As you all know, this kind of get together, is one where each brings his or her own picnic lunch, the OM gathers up all his swap material, and then corral the harmonics, pile everything into the chariot, and take off for the day. Personally, I think the idea is a splendid one, and want to be the first to say "when is it?" So, please let Bill Britton, WA4IHH, or myself W4VTJ know your opinions as soon as possible, and let's make this an annual affair.

There have been no spectacular band openings on TWO this year, however, we are still working the boys on the west coast and on up the east coast whenever they have their beams our way. The activity on 432MCS is ever increasing. I understand that WA4FIL and WA4KFW at Margate are hard at work on their receiving converters for 432, (P.S.) I sold them the silver plated chassis and cavities), also K4DZP is hot to trot and looking for skeds, WA4MNX and K4PBP are well along with their 432 mc. converters. K4IXC and WA4GHK are doing fine business on 1296mcs., yours truly has his APX6 receiver working and the antenna is a five quart oil can, up 30 feet. Sure can hear some real radar signals up there.

Speaking of radar, Ye Honorable Ed has come up with a brand new APS3 and am getting ready to fire it up for two purposes, one to check the WX, but the second is for the purpose of knowing when the VHF and UHF bands are open. This is accomplished by watching for AP(Anomolus Propagation) on the PPL. In other words, the APS3 has an over-land range of some 80 miles, but we all know that line of sight is only 23 miles. So, if I am able to see the Bahamas, for instance, which are 45 miles east of West Palm Beach, then I would know that there is Tropospheric bending or Ducting conditions existing, both of which provide excellent periods of good DX on VHF and UHF frequencies consequently we have open bands. Well, more about this at a later date. I've about run out of space, so will pass 73s and hope to hear you all on 144, 432, 1296mcs. real soon.

OLE MR. VHFer

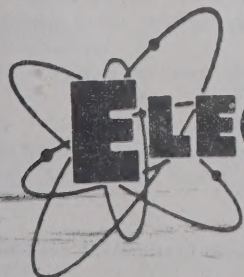
NOW IS THE TIME TO PICK UP THAT REAL GOOD EQUIPMENT

HERE ARE A FEW OF OUR BEST BARGAINS

<u>COLLINS</u>	75A-4 Receivers (Take your pick of three)	From \$400.
	32S-1 SSB Deluxe (Just happen to have a few)	From 400.
<u>HAMMARLUND</u>	HQ-110C Receivers (We have four left) Prices start at	135.
	HQ-170C Receivers (Just like new)	224.50
<u>NATIONAL</u>	HRO-60 Receiver (Just the one to hear the weak ones)	300.
<u>RME</u>	RME-4300 (Very clean, you'll like it)	99.50

DID YOU SAY TRANSMITTERS ?

<u>HALLICRAFTERS</u>	HT-37 SSB Transmitter (Yes, CW & AM too!)	\$229.50
<u>GONSET</u>	GSB-100 SSB Transmitter (AM or CW also)	229.50
<u>B & W</u>	B&W-5100B AM Transmitter (Last of best AM rigs)	199.50
<u>JOHNSON</u>	Adventurer Transmitter (Just the one to start with)	24.50



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NATIONAL NCX-3 SSB Tranceiver,	\$369.00	
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WE CAN NOT CUT THE PRICE, but we can GIVE you the Beam Free for the price of the NCX-3 & PU, or \$479.

HALLICRAFTER HT-37 SSB, New!	\$495.	
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VALUE !	<u>\$599.93</u>	\$495.

AND NOW - we must move these Today ! Don't Wait.

CLEGG - Zeus Famous 144mc & 50 MC Band Opener ! \$695.00
\$120. off and this unit is NEW ! special 575.

MOSLEY CMI Receiver, new \$182.70 in sealed new boxes \$129.50

Most of these prices on New Equipment are firm across the Nation
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Our used equipment prices are gauged to move the equipment fast
Don't be disappointed if you put off for tomorrow, what you can do
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HINT & KINK CHECKING 1296 MC DRIFT

Many UHF operators would like to check for small changes in frequency drift of their 1296 mc. equipment, but cannot afford the cost of a frequency meter at that frequency. Here is a practical way of making the same check at practically nil cost.

Beg or borrow two other rigs and their operators for this check. We will assume that we now have three APX-6 transceivers as an example. Call them stations A, B, and C respectively.

Place the stations equidistant, keeping signal levels below the blocking point of the receiver. All transceivers are on about the same frequency. A & B transmit while C receives. If A & B are both are stable, a steady audio note should be heard by C. This test is then repeated on a round robin schedule, with A & C transmitting while B receiving, and B & C transmitting with A receiving.

The APX-6 is fairly stable, considering the frequency, and is useful for this test.

By comparing information, it can be determined which transmitter, if any, is drifting, and also which receivers are stable.



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GOOD USED EQUIPMENT

75A-4 Receivers (2) Both clean as a pin !	ea.	\$ 375.
75A-3 Receiver with calibrator		269.
75A-2 Receiver with speaker		235.
75A-1 Receiver used but still FB CW receiver		169.
32S-1 SSB with 516F-2 Pwoer Supply		469.
32V-1 Exiter Transmitter		129.
PM-2 Collins Power Supply for KWM-2	(2)	90.
KW-1 Collins Kilowatt (Come in and see it - make offer)		

CENTRAL ELECTRONICS

Famous 200V SSB Transmitter, NEW COND

575.

GONSET

G-50 6-Meter Transceiver, 50 watt		175.
G-77 Mobile, with 6 & 12V Power Supply		119.
G-77A Mobile, complete with 3-way Supply, mic & cables		139.

HEATH

DX-35 Novice Transmitter		37.50
HR-10		47.50

HALLICRAFTERS

HT-37 FB SSB as you would like it !		295.
HA-2 Transverter 2-Meter with P-26 AC Power Supply		275.
CRX-2 Commercial Rec 152-174 MC (Sliderule Dial)		69.50
SX-38 Receiver for the Novice		24.50
SX-99 Receiver which can't be beat for this price		89.

HAMMARLUND

HX-500 Transmitter (Owner went UHF)		369.
HQ-170A Receiver (Like New)		319.
HQ-180 AC Receiver (Demonstrator)		375.
HQ-129X Receiver (Still an FB recvr)		89.

JOHNSON

Pacemaker Transmitter that can't be told from new !		199.
Adventurer Transmitter for the Novice		32.50

KNIGHT

T-60 Transmitter (Like New)		45.
VFO Exciter (Can be used with other rigs)		22.50

MORROW

MB-560/RTS-600/MBR5 Complete AC Installation, rk, mic, cbl		199.
--	--	------

NATIONAL

NC-300 Receiver (Stop & examine this buy carefully)		175.
NC-270 Receiver		139.
NC-155 Receiver		134.50
NC-109 Receiver		89.
NC-60 Receiver as new		49.50
HRO-60R Receiver complete with coils		229.

RME

10-20 Converter 32.00 DB23 Pre-Selector 27.50 4350A Rec		119.
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TECHNICAL MATERIAL CORP

Famous GPR-90 Receiver		289.
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VAN-TRON

Type 300 Linear Amplifier 3-30MC (Built in PU)		39.50
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Another Area Public Relations Job That Made Headlines

AREA Headquarters reports this story which involved two AREA members in a public relations job that made headlines, radio and TV news bulletins, and a vote of thanks from the Honorable John Gibson Jr., of the Los Angeles City Council.

The incident involved an unreported Piper Cub enroute from Los Angeles to San Luis, Brazil piloted by the Reverend Dean Blackwelder a Missionary, and accompanied by his twelve year old daughter Jackie. Blackwelder is the son-in-law of councilman Gibson and when it was feared the small aircraft had been lost in the jungles of South America, he called on the FCC as the last resort to help obtain information on the missing pair.

FCC referred him to AREA member Ray E. Meyers, W6-MLZ, who writes a weekly column on "Ham Radio" for LA's largest evening newspaper, the Herald-Examiner. Meyers learned that Mr. Gibson had contacted FAA, the State Department, and all the major news services to assist in locating the whereabouts of the plane.

Meyers in turn contacted AREA member Andy Clark W4-IYT, who is editor of the "Florida Skip", ARRL's Section Emergency Coordinator, and an operator with the Aeronautical Radio in Miami. Within hours Andy had word back to Ray that the plane had touched down in Panama, and traced it from there to Barranquilla, and Maracaibo.

Then, for a period of a few days, no information was forthcoming due to the fact the plane, flying under visual flight rules, was not posted on the tracking boards at the air traffic centers at Trinidad, Miaquepia, Maracaibo, Para Maribo, and Belem.

Amateurs around the nation, and those checking in on the International network were contacting amateurs in Colombia, Venezuela, the Guianas, Surinam, and Brazil in an effort to check the small landing fields in hope of some word.

The Herald-Examiner print-

Letter To The Editor

Editor Fla. Skip:

It was nice meeting you last month at the Hamboree.

I have decided to keep on with the work of being the editor of our club paper, Broward Ham News. I remember what you told me that a paper is sort of the backbone of a club.

I would appreciate you placing the following article in SKIP, as I notice there is a wrong meeting address for our club last month.

"Broward ARC., Inc., Broward National Bank Bldg., 4th floor auditorium, 25 So. Andrews Ave., Ft. Lauderdale, Fla., meets second Wednesday of each month at 8 P.M. Edgar Wheeler, K4LJS, 619 S.W. 20th Terrace".

Would you please mention that as editor of Broward Ham News, I would like very much to exchange our club paper with other clubs having a paper.

Broward Ham News
Ed Wheeler, K4LJS

ed a re-assuring news item stating the amateurs had no fear for the safety of the plane and passengers due to little, or poor, communications and the areas involved.

Final word came from Andy Clark, W4IYT in a message to Mr. Gibson passed to Ray Meyers, W6MLZ reporting the safe arrival at Belem, and departure from San Luis a short distance south and in the message passed along New Year's Greetings to Mr. Gibson from the tower operators at Belem.

"I've never been kissed over the telephone before" says Ray, "but Mrs. Blackwelder of Seal Beach, and the mother of Dean certainly made me feel that I had received a big smackeroo." Mr. Gibson stated that he will never forget the job performed by Amateur Radio and while the Hon. James Brown another councilman and an old time amateur had told him many times of the ability of this group to get things done when an emergency presented itself, from now on (Gibson) would go all out to do what he could for amateur radio.

(From LARC Bulletin, Burbank, Calif.)

Let's Use What We Have

When the FCC makes decisions regarding Ham radio we hear all kinds of "words of wisdom" by the Ham fraternity. But then it's usually too late! How about doing something to prevent a very important action by the FCC in the future. It has happened before and it can happen again. What I refer to is frequency allocations. The best way to prevent a loss of frequencies is to **USE ALL OF THE FREQUENCIES ALLOCATED - RIGHT NOW.**

Sure the lower frequency bands are full from edge to edge but what about the higher frequency bands. For example turn on the old receiver and tune over the 10 meter band - 28.0-29.7 mc.; the 6 meter band - 50-54 mc.; the 2 meter band - 144-148 mc.; etc, etc. When these bands are OPEN or CLOSED you find occupancy in only the lower frequency portions - one or two megacycles. Better than half of the allocated frequencies are never used!

The six meter band is a good example - since it is used heavily in this area - 50 to 51 and possibly to 52 mc., has good activity but do you ever hear anyone above 52 mc? Do you think that FCC is not aware of the minimum activity at the high end? It would be LOUD noise that was heard from the Hams if the FCC decided to give the Ham 52 to 54 mc., and give away the 50 to 52 mc., segment. But really could you blame them? This same story applies to 2 meters and other higher frequency bands - many not used at all. Think about it fellows. Let's not let this happen. We lost 11 meters due to lack of use.

When these higher frequency bands get hot and stay open most all day long we will really hear screaming if the frequency allocation has been reduced.

With more and more hams every day we must keep all the frequencies we can get our grubby hands on - Think about it - But more import-

South Miami Radio

Although spring is here, and tends to bring a lackadaisical attitude to many of us. The S.M.R.C. members are still full of inspiring ideas and plenty of push.

Besides club activities and civil duties, Al W4ELR is building a transistorized keyer and is designing it to be as small as possible. He is also improving on his RTTY gear. Dave WA4CPN is in the process of constructing a frequency meter. He recently completed an all band trapless antenna of his design. Dave plans to homebrew a xmtr in the future.

Terry WA4LFO sports a trim shack. His rcvr is a well kept S-85. The Globe Chief xmtr has a home brew high level modulator, and a VFO. His tower supports a TA33 jr. Terry's crisp, goodfisted QRP signal brings more than ones share of d.x.

We are glad to announce that Frances, daughter of Ernie K4KIC is home recuperating after her recent stay at Children's Variety Hospital.

We wish to congratulate the Coral Reef A.R.C. on their successful auction and the best of luck to this newly organized radio club.

K4JVA is still without a home but is temporally being operated by Al W4ELR from his QTH every Mon. at 2000 E.S.T. on 29.5. mc. Let's all check in soon. CUL

Jock WA4AMV

ant - **USE THE BANDS - ALL OF THE FREQUENCIES ALLOCATED - NOT JUST A SMALL SEGMENT!**

This editorial idea came to mind when I heard all the moaning, groaning, threatening and defaming of the ARRL, the FCC and amateur radio because of the new proposal to reinstate the Advanced Class license and its associated privileges. So you can't use certain frequencies until you pass a test showing that you have improved in knowledge -- **USE WHAT YOU HAVE UNTIL THEN.**

(W8MGP * THE MIKE & KEY)

FLAMINGO NET NEWS

Walt Dixon W4DWN

CW on a Phone Net !!! Well, that is what happened when the Flamingo Net held an "on the air" contest March 20th. After regular roll call W4MNN-Charlie, our Activities Chairman held a contest in which he sent scrambled five letter words in CW to the members on frequency. The scrambled words were common Ham terms used every day around the shack and equipment. The idea was to receive correctly at 13 WPM these scrambled words, unscramble them, and report back to the Net Control as soon as you thought you had them all correct. The first one to report in with all words unscrambled and correct was yours truly W4DWN-Walt. A gift certificate was awarded, worth \$3.00 at any electronic supply store. This was excellent practice to all concerned for keeping up their CW code speed.

The Net was pleasantly surprised the other night to have WA4FVD-Ron check in with us. He is located way down in Marathon Shores. That is down in the Keys a good 100 miles from Miami and the Net control station. Ron not only has checked in twice since then, but has worked his ten Flamingos for our Certificate. In fact, he has been so consistent here, that the Net has talked him into joining up with us. How about that??? I wonder if there are other stations down in the Keys that can work 10 METERS that would like to check into our Net?? We always have our antennas pointed down that way, so if any of you Keys boys would like to take a look-see, try 29.044mc on Friday nights around 7:30 to 8:15 P.M.

Another pleasant surprise was W4EDP - Jim walking off with first prize in our "on the air" contest of April 10th. This contest was one of our question and answer affairs. Questions were out of the ARRL license manual, and there were twenty (20) in all. They were not any of the easy ones, either. Jim got 20 out of 20 which makes him eligible for the Extra Class license. Prize was the usual \$3.00 gift certificate.

W4WSJ-Wiley reports that he is putting up a new tower. He is selling his ole one. He plans on getting a heavier and higher tower to replace this one.

W4APP-Hal has got himself a whole shack full of new equipment. He now has a 32S3, 75S3B and a 30 Ll KW linear.

K4EBG-Bun reports that he has completely redone his shack. He said he has cleaned out all the junk and has installed new cabinets and has re-painted the whole room.

W4WYR-Evelyn tells us that everyone that goes to the Orlando Ham-fest from Miami has to dance with her.

WA4BYS-Dick, has a new Swan SW-240 transceiver now, and is working out FB on SSB. He is working as a technician at the Children's Cardiac Hospital now, and his work hours are such he cannot check into the Net.

HARS NEWS

by Bill Lynn - K4VAO

HARS had another interesting program on our April meeting. Bob McDonald, W4YDI, past treasurer of HARS conducted the program with a series of slides and photos. It was a picture story of past events such as field day, meetings, trips and dedications, and was enjoyed by all.

Roy Scott, W4UHF, reports that the code class is progressing very good. There have been no drop-outs of the 13 students that started. All of the code characters have been mastered and all that is needed now, is practice.

Things are looking up at the club's communications center. The all band receiver has been repaired and the Viking '500' is going great guns. The 500 ft. long wire was loaded up and puts out a potent signal on 75 and 40 mtrs.

Chief of Communications for Hillsborough County Civil Defense Ray Murphy, W4BNE, reports that Hilltamp Exercise for central and southern half of Hillsborough County will be sometimes during the months of June or July. This exercise is in preparation for the county wide exercise that will be conducted in the fall or winter of this year. The communicators will consist of a combination of amateurs and citizen banders who are registered and are cleared for RACES.

NEW AMATEUR DIRECTORY

Attention all amateurs and enthusiasts of LEE, CHARLOTTE and COLLIER counties.

Do you know all the ham operators in your immediate area? Do you know who the operators are in the next town or county? Are you looking for a mailing address for a guy across town, or maybe for the Naples ARC? Do you know who the RACES officer is for Charlotte county? Do you know who the Lee county EC is and what his call and address is? Do you know that there are over 200 licensed amateurs in the tri-county area?

If you are interested enough to find out this information and much more, then you need the new TRI-COUNTY DIRECTORY, published as a non-profit deal by the Fort Myers Amateur Radio Club.

We had hoped to publish this free of charge to all amateurs in these areas. However, we find that there are so many in the area that it has become a good sized book instead of a pamphlet, and therefore are asking for a donation of 50¢ for each copy. This is less than it cost to print. However, it will make it possible for the club to bear the cost of the rest.

Send your 50¢ together with your QSL and the directory will be mailed to you postpaid. Mail donation to K4FQU, Earl Spencer, 1413 Davis Dr., Ft. Myers, Fla.

It goes to press in May.

SILENT KEYS

We are deeply sorry to report the passing of the following Florida amateurs:

W4LX - Fort Myers, Florida

W4LZL - Miami Springs, Florida.

What's Your Project For 1964?

"---the amateur's proven ability to contribute to the advancement of the radio art" --from Basis and Purpose-- FCC rules.

As an individual amateur, within the term of your license, just what have YOU done to "contribute to the advancement of the radio art"?

Is it possible for Joe Ham, the "average" amateur, to contribute anything in this day of transistors, waveguides, ferrites and all the other sophisticated devices? The answer is an unqualified, positive YES! "Furthermore, it isn't necessary to be a "laboratory engineer". It IS necessary to return to the paths which led ham radio to respectability.

Between 1920 and 1940, many of the fundamental circuits of today's equipment were either invented by hams, or developed into practicality by hams. Propagation of radio signals was investigated and entirely new concepts were dropped in the laps of the egg-heads to explain. Right up to very recent years, the ham has always been just a little ahead of all the other services in the technical ability to outperform in communications over any given path, watt for watt. He has always managed to find new circuits or techniques to beat higher and higher levels of qrm. He didn't do this by throwing up his hands in despair and leaving it to the engineers in the laboratory. He did it "empirically"---the egg-head term for "cut and try"---until he found a satisfactory answer. Many, many times he didn't know why it worked---he just proved that it did. Given such proof, the egg-heads worked backwards to the reason, and of course were often able to improve the methods. The important contribution of the ham was the basic idea---the true invention. Ask any big company about the "cost per idea" in their research and development labs---they'll tell you through their tears!

So now to what YOU can do ---with perhaps nothing more than fifty watt, ten year old

ancient modulation rig and a beat up receiver of about the same vintage. This year is about the "low point" for sunspots. The general opinion is that 28 mc is useless, and 21 mc is just about as bad. Work up some regular skeds with stations at various distances. Make the contact (if you can!) every day at the same time. Try different antenna designs---or even different antenna designs---or even different antennas on the same sked. Most important of all---keep an accurate record of the results! You may just prove that 10 and 15 are "dead"---just as everyone says --or you may prove that with certain antennas, or with some special technique, or at certain times these bands are "wide open"!

Work over that modulator--- find ways to get every watt of audio working---use band pass filters to cut the audio range to nothing but "talk usefulness" ---the rig has no resale value anyway, so don't be afraid to "chop into it". Do the same to the receiver---maybe a few dollars and a couple of weeks will bring it five years closer to an "up to date" box---but keep a record! One simple trick you use to solve a problem may end up being a million dollar idea when it is refined by the egg-heads!

Perhaps you have a good rig of late design---ssb with the "works". Whip up a set of "converters" and put it on 220 mc---or higher. Dream up a new antenna. Maybe a good nightmare. If and when it works, keep a record!--and let the egg-heads figure out the why. (They will!)

For the "kitchen table" workshop, test equipment is a good project. Most ham stations of today are practically bare of test equipment.

Convert one of these three buck transistor receivers to a 2 meter pocket portable---from here it's only a step to transistor transmitter!---and perhaps a practical "fold-up & telescope" pocket portable beam. Keep a record! Hy-Gain may be selling the commercial model next year!

The radio industry can get as much or more from today's ham as it did 20 years ago--- simply because there are more of us to gin up ideas. When we get back to turning out ideas

Amateur FCC Regulations

"The following amateur regulations are published for your information and guidance. Read them carefully please."

12.60 Limitations on antenna structures. (a)* No new antenna structure shall be erected for use by any station in the Amateur Radio Service, and no change shall be made in any existing antenna structure used or intended to be used by any station in the Amateur Radio Service so as to increase its overall height above ground level, without prior approval by the Commission, in any case when either (1) the antenna structure proposed to be erected will exceed an overall height of 170 feet above ground level, except where the antenna is mounted on an existing man-made structure other than an antenna structure and does not increase the overall height of such man-made structure by more than 20 feet, or (2) the antenna structure proposed to be erected will exceed an overall height of one foot above the established airport (landing area) elevation for each 200 feet of distance, or fraction thereof, from the nearest boundary of such landing area, except where the antenna does not exceed 20 feet above the ground or if the antenna structure or natural formation and does not increase the overall height of such man-made structure or natural formation by more than 20 feet as a result of such mounting.

Application for Commission approval, when such approval is required, shall be submitted on FCC Form 401-A (revised), in triplicate.

for the industry to work on,-- to keep its R & D labs busy on "something really new", we'll find both industry and government in there pitching on our team.

So---What's YOUR project for 1964?

Top Secret

by

GABBY

Dear Editor:

I am really hot today. These guys testing on the frequency, 1, 2, 3, 4, test etc., make me so hot under the collar. I use a dummy antenna, I mean I would use one if I had it.

Well anyway, the other day me and a local guy was shooting the breeze and somebody pops a carrier on us. Put the "S" meter on the pin.

He noticed it first, and boy he read him off. Told him the law he was breaking, and the penalty, and that he was going to report him.

Now it was my turn, so I use a different approach. I says boy, you better move because I don't intend to. Further more, I'm using 700 watts and your flea power is not bothering me. You know, he left his carrier on until we finished the qso. Then I dared him to sign his call. It must have scared him for when I turned off I heard him say, "This Is The Voice Of America Tangiers on 7250 kcs.

Boy I moved..

73 GABBY - JAX

St. Petersburg A.R.C. ANNUAL HAMFEST

SUNDAY, MAY 17
PHILIPPI PARK
Safety Harbor, Fla.

9:00 A.M. til ? ?

Registration \$ 1.00
per family

OLD FASHIONED
HAMFEST !

PRIZES

SWAP TABLE

Bring Your Own
Picnic Lunch

FUN ! FUN ! FUN !

W4LVV

Tip's Tips

T.M. Moss, W4HYW Director, Southeastern Division, recently sent out a rather comprehensive and intriguing questionnaire. Whether one concurs with this hierarchy in Atlanta is beside the point in this matter since obviously Mr. Moss was making an attempt to get a reaction from his so-called constituents which we shall acknowledge is a good political move. However, there is at hand a copy of a letter pertaining which is so down to earth in the matter that the Editor has granted that I devote this column to it. It was written to Mr. Moss on March 30th by W4KIL and we quote context.

"Attached questionnaire completed to reflect my views. You are to be congratulated upon poll - however, your statement: 'My policies will be formulated in accordance with the wishes of the majority.' both perturbs me and leaves me apprehensive. Your intent is obvious; to insure that the ARRL remains truly democratic - yet, to merely poll members and then vote as they may indicate does not of itself make an organization democratic since it presents the peril of false influence by the uninformed or even by selfish pressure groups. Democracy? Does this mean all decisions must be made to accord with majority wish? The term 'democracy' comes from the Greek words - demos, the people and krates, to rule. Webster defines it as 'government by the people, either directly or through elected representatives; rule by the ruled.'

You were elected by the ARRL membership through secret ballot because of your background and the belief that you had sufficient good judgement to represent your fellow Amateurs. The fact of your election is in itself a practical exercise in democracy; for, upon completion of your term of office you shall again be weighed and either accepted or repudiated by your fellow members. This process assures that the ARRL must remain a democratic organization. Ergo!

Today, as never before, amateur radio is subject to the pressures of governmental bodies. It is we who must justify our continued existence. Add to this the effect of the 'splinter groups' in our own ranks who, often uninformed or even ignorant of facts, make a nightmare of our bands with their rapacious and vitriolic comments. Each 'splinter group' has its own axe to grind and will welcome a chance to apply pressure upon the ARRL. Tom, can you imagine our United States Senators and Representatives polling their constituents on world peace, disarmament or foreign trade and then voting blindly for the most popular opinions? Certainly, poll your members and talk to them at every opportunity - listen and discuss and consider the opinions expressed and correlate them with the many factors known to you as the Director and THEN Vote as you think proper! Not as a chameleon reflecting the highest pressure group. You should never hesitate to go against so-called popular opinion when you know that your decision is right for amateur radio for it is you who have been elected to the position which involves a knowledge of top level intelligence which obviously must formulate the final and determining factors in just conclusions. This is the reason for an elected Director.

To quote Hamlet, Act 1, Scene 3: - "This above all: to thine own self be true - and it must follow, as the night the day, Thou canst not then be false to any man." -----

As was stated the above is a quote from context and therefore there have been certain small liberties taken to conform with space. However, one fact is cogent. A Director is either capable of functioning on behalf of those he represents or he is not and it is too soon to make any very knowledgeable determination in this instance. Let us say that any action of interest would be of hopeful consideration after the stagnation surrounding the too long past.

May your tubes run cool!!!

W4GJI

Oh - Let George Do It

There are many hams who seem to feel that amateur radio should only provide public service in times of emergency. (Of course, there are those who don't even know what public service is.) They don't seem to realize that amateur radio can be just as beneficial in "peace-time" as in emergencies.

At the present time, as you know, there exists in Miami the Dade County Amateur Radio Public Service Corps. This group is composed of amateurs who are trying to perform some beneficial services for the community and at the same time get favorable publicity for amateur radio. Yet in a county of 1600 hams and 328 AREC members, attendance has been astoundingly low.

A few nights ago I asked a group of hams with tremendous facilities for public service work why they didn't come to one of the monthly meetings. The reply received was, "Even though we won't come to the meetings, we'll be there if you need us in an emergency."

The point is that we need them NOW as well as in an emergency. We need people NOW to man traffic booths at fairs; we need them NOW to make contacts with newspaper and radio editors; we need them NOW to provide communications wherever communications are requested. And, how can a person hope to be an efficient operator in an emergency if he isn't aware of the latest operating procedures, if he isn't aware of the changes in emergency communications organization, and if he hasn't practiced the Skill of traffic handling.

There are innumerable opportunities for amateurs to perform public services in Dade County and in Florida,

Spring Florida S. E. T.

Saturday, May 16th, has been selected as the date for this year's Florida Spring Simulated Emergency Test.

As you may recall, each year Florida holds a drill sometime during the Spring in order to limber up for the upcoming hurricane season. A second--and probably just as important--reason for holding the SET is to be able to try out new methods and techniques for handling large volumes of emergency and priority traffic. Each year has produced something a little bit different, and this year is no exception.

The detailed plans for the test will be kept "confidential" until the "emergency" actually develops. Naturally, the persons involved in the detailed planning have most of the information, but only the planned date will be released in advance. One bit of information has leaked out, though--check your emergency power and mobile rigs.

George Thurston, W4MLE and Andy Clark, W4IYT, Florida SECs are firming up plans now in order to make this year's SET one of the most realistic drills ever conducted in the state. The full cooperation of various disaster service agencies is being solicited, and from present indications at least two will take part on a "pull out the stops" basis.

All net managers are urged to keep an ear open on May 16th alert message. That is all we can say for now. (WA4-FIJ in QRV?)

and at the same time to get much needed publicity for amateur radio. Let's get going!

David Shalloway, WA4JYB
No. Miami, Fla.

WANT A NEW HAM SHACK ?

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QFN CW NET NEWS

W4 TRS

Rig trouble has been the news here for some time now. First, I made some changes in the old SP-400-x installing a half lattice crystal filter, which led to more troubles than counted on. But, finally its working, but in the meantime, my pwr xmfr for the xmtr burned out the primary and now waiting for it's return. So hope to be back on the QFN soon.

Some comments regarding last month's column - after reading it in print, noticed it was not quite complete. I wish to add that I once wrote a friendly letter to a young fellow on the net, asking his help in reading his fist on the net. Since that time you would not believe the improvement in his sending. Now even I can copy him at fast speeds, where before I missed half of what he said. I intend writing him to say how much better he now sounds.

The Manager of a CW net has a hard job. He must keep right on top of things with a goodly supply of NCS's and reliable regional net rep's. In addition, he needs the complete co-operation of all net members. Assignments should be taken seriously, with dependability the keynote of a successful net. Pride in work well done, should induce some of the more experienced op's to volunteer for this job. Also, short terms of office with a rotating group of managers would take much of the drudgery out of the job. Hope someone will take a hint and offer his services to the net as manager.

Since Dan Franklin is not issuing the QFN Bulletin we need someone to take over this chore, and chore it is. We need it boys, it helps to keep the net closely welded together. It also serves as a guide for knowing the assignments of all net jobs and when to be where.

In addition, the Bulletin gives the names and calls of the net members as well as their QYH. It helps to know your fellow tlc handlers better. But more important, as NCS you get to know just who to send off FREQ with QTC for QSP and not waste time. Time is the enemy of the net as at seven P.M. the other nets up north start up right on frequency and if we are not finished with tlc you are dead. Also the rep's must get their out of state and be gone in time to get ready for relay.

There is always room for improvement in any net, so let us all pitch in and help out the Manager and NCS's the best way we know how. Let the NCS run the net, if he needs you he will call you. Saves a lot of dualing and confusion.

Enough preaching for this time.

AR

W4TRS



Gator Net News

Traffic in March showed a 2.5 percent increase and with the worlds fair opening in New York last month we should have a good season this summer also.

A total of 30 different stations checked in March and it looks like the old Gator Net is beginning to perk up. K4BY had 100 percent QNI with K4-KDN and K4C00 winning a close second. Glad to have Big Mike, WA4BMC and Don WA4LBM checking in quite regularly. Many thanks to Lou, WA4FVF, Ham, K4SJH and our new station in Winter

FOR SALE. RME-15 with matching speaker in good condition \$35.00. Collins 75A1 in excellent, clean cond \$155.00. Collins 75A2 with speaker, manual in perfect condition \$250.00. Edy Clark, W4IYT, 41 Lenape Dr. Miami Springs, Fla. 33166 Phone 888-3874.

Dan, WA4JVV for checking in when ever possible.

We will miss K4EH from Pinellas Park as he is going into commercial radio work. Hoping next month will show an increase over last in messages handled and new stations checking in. Thanks again to all. 73 K4FQP Net Mgr.

W.D. TERRELL RECEIVES MARCONI MEDAL Special release for FLORIDA SKIP

The Veteran Wireless Operators Association has awarded the Marconi Memorial Gold Medal of Achievement to Mr. William D. Terrell, former head of the Field Engineering Bureau of the Federal Communications Commission. Mr. Terrell, who retired from the FCC in 1943, is now residing in Miami.

This award, in recognition of Mr. Terrell's progressive achievement and dedicated service to Government Radio Regulation, goes to one of the "Grand Old Men" of radio. Mr. Terrell was the first "Radio Inspector", and assuming this position in 1911. He continued with Government service, in radio regulation and field inspection, until his retirement. During this entire period he was at the helm of the field radio inspection activities, under the Department of Commerce, the Federal Radio Commission, and finally the Federal Communications Commission. He has observed, and assisted in the guidance of radio, and its regulation, from its infancy to the present complex state of the art.

Mr. Terrell has received many honors from the Government and from radio-oriented organizations, one being from the ARRL upon the occasion of his retirement. Mr. Terrell has always had a warm heart for the radio amateur, and all members of that fraternity will rejoice in this additional honor which has been bestowed upon him.

HOMER V. THOMPSON, W4CWV

HAMBAR

NOTE: Florida Skip does not assume any responsibility for condition, price, etc. of any items listed in this column.

This column is FREE to any licensed Radio Amateur. There is no limit to the number of items any individual may list. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

CLASSIFIED and COMMERCIAL ADVERTISING RATES:

To Licensed Amateurs: Buy, Swap, Sell (non-commercial) — Free.

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An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns — 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Hammarlund SP-600JX17, all band receiver, 500 kc to 54 mc, 2 RF stages, beautiful condition, 100 inch Reflex speaker, complete tech manual internal HFO for 6 net xtals. This receiver has IF output for RTTY, IF bandwidth .2 to 10 kc. \$450.00 or trade on Drake TR3. ELDICO 100AL on Drake TR3. ELDICO 100AL SSB, 80 to 10 transmitter works A-1, demonstrate any time \$200.00 or trade on A. M. OR SSB TRANSCEIVER. Russ Olmsted K4UJZ, 1548 NW 15th Ave., Ft. Lauderdale, Fla.

FOR SALE: Lafayette HE-45 with matching HE-60 VFO along with complete 6 meter Halo and coax. A complete 6 meter mobile rig \$100.00. Jim Hudson WA4BAW, 940 Arabia Ave., Opa Locka, Fla. 688-2297.

NEED THE MONEY! HX-50 Hammarlund SSB xmtr \$275.00 Clegg Thor \$250.00 with power supply. P&H 600 A SSB mixer with supply \$60.00. Bogen Challenger PA amplifier \$20.00 Gonset mobile 2 meter tunable converter \$25.00 Millen power amplifier with 6 meter coils \$25.00 All the above items in mint condition with manuals. All FOB Sarasota. George A. Hodapp K4LHA, P.O. Box 5063, Sarasota, Fla. Phone 924-2728.

NOTICE: Don't forget the SPARC Hamfest May 17th from 9 a.m. at Philippe Park near Safety Harbor, Florida. Admission to park 50¢ per car, Registration \$1.00 family or individual. Prizes, swap shop etc.

FOR SALE: Knight R-55 receiver in excellent mechanical and electrical condition, with manual. Hallicrafters S-40 receiver in good condition with manual and Photofact folder. S-meter added. Make an offer for either or both. 6 meter converter. 1 nuvistor, 2 6AK5's. \$6.00. David Shalloway WA4JYB, 18801 N.E. 21st Ave., North Miami Beach, Fla. 33162, Phone W17-4177.

WANTED: Tower, fold over, tip over crank up or what have you. F. E. Coble WA4LXX, 251 Collier Ave., Nashville 11, Tenn.

FOR SALE: Complete station—Swan SW-240, a.c./d.c. supplies, MM-1 mike, SWR bridge, 1 KW home-brew linear - 4 811's. 40 foot Rohn tower, 40 meter Hy-gain beam, AR-22 rotator, coax, relays plus 20-40-80 meter hustler whips. \$600.00 or best offer. F. M. "Buster" Durst WA4CVG, 245 Stuart Ave., Indian River City Fla.

FOR SALE: Clegg Zeus transmitter with matching interception receiving, both in mint condition. \$800.00 for pair or may consider selling separately. 6 element 6 meter and 38 element 2 meter telrex beams \$20.00 and \$60.00 respectively. CDR TR-44 rotor still in warranty \$45.00. Gonset communicator III, 6 meters with special mobile mount and Saturn Six halo with bumper mount \$140.00. Hammarlund crystal calibrator, still in box with tubes \$5.00. All FOB. Going to fight it out on low bands. Tom Larrivee WA4DKG, 540 Taragona Way, Daytona Beach, Fla. 32014, Phone 255-5174

FOR SALE: National NC-188 general coverage and ham band receiver W/O speaker, like new condition, good first receiver for novice \$80.00. Instructograph with 8 tapes, used but works fine, great gadget to increase code speed \$25.00. Lafayette Hybrid phone patch, like new \$15.00. Heathkit AR-2 communications receiver, needs a couple tubes and some repair work, manual and schematics included \$5.00. John Attaway K4IIF, P.O. Box 205, Winter Haven, Fla.

FOR SALE: B&W Model 5100 transmitter with SSB generator 51-SB, both complete, a steal \$175.00 Antenna rotor \$15.00 Mrs. Paul Southworth XYL W4SGY, 739 Lakehurst St., Lakeland, Fla.

WANTED: 40 foot crankup tower, EZ-Way RBS40G or equivalent. Prefer local deal. John Sohl K4KQS, 8570 SW 27th Lane, Miami. 33155 Phone CA 1-8379.

FOR SALE: 75A1 receiver with product detector \$150.00. Prop pitch motor \$20.00. Bob Freitag W4FH, Box 70, Delray Beach, Fla. Phone 276-6571.

FOR SALE: 6N2 Thunderbolt, factory wired, less than 30 hours use. Guaranteed in perfect electrical and mechanical condition. Will sell for \$400.00 or swap for HF transceiver in equal condition. Don Drury W4WTO, 5800 Seton Dr. Margate, Fla.

WANTED: Everyone make your Field Day Plans now. June 27-23th isn't far away. Better check those generators boys.....

FOR SALE: Collins KWS-1 with Collins relay, FSK, spare tubes, etc. Model 19 teletype, like brand new condition. Model 14 typing repair. Other stuff also. Bob Street W4IET, 116 Iroquois St., Miami Springs, Fla. 888-7406.

FOR SALE: Hammarlund HQ-110C \$135.00. Bill Bolles K4RCV, 109 SE 13th Ave., Ft. Lauderdale, Fla.

FOR SALE OR TRADE: Modified Viking I, Viking 122 VFO, Gonset G-66 with 3 way power supply (needs repair for 15 and 40 meters). WANTED Gonset 3269 xtal calibrator, Gonset G-76 d.c. supply, tri-band beam, Gonset Superceiver. Portable 115 v.a.c. Fujiya tape recorder \$35.00. Must be reasonably priced. Les Widick K4BZJ, 290 Kilbee Lane, Pensacola, Florida. 32503.

FOR SALE: DM49AX d.c. input 12 or 24 v.d.c. output 500 v.d.c. at 400 ma. \$10.00 MG set Delco 12 v.d.c. input at 225v.d.c. at 100 ma output. \$2.00. Panadapter PBW-2M \$15.00. SX-43 with speaker \$45.00. S-47 receiver \$35.00. DX-40 xmtr \$40.00. B.C453 as is, \$5.00. Heath kit electronic switch S-3 \$15.00. Nova tech VHF receiver model 710W, tunes 108 to 130 mc. Aircraft 110 v.a.c. or d.c. \$25.00. Master Mobile loading coil \$5.00. 10 meter whip and mount \$5.00. H. Ellison K4RFL, 38 Patrick Cl., Melbourne, Fla.

Tampa Amateur Radio Club, Inc.

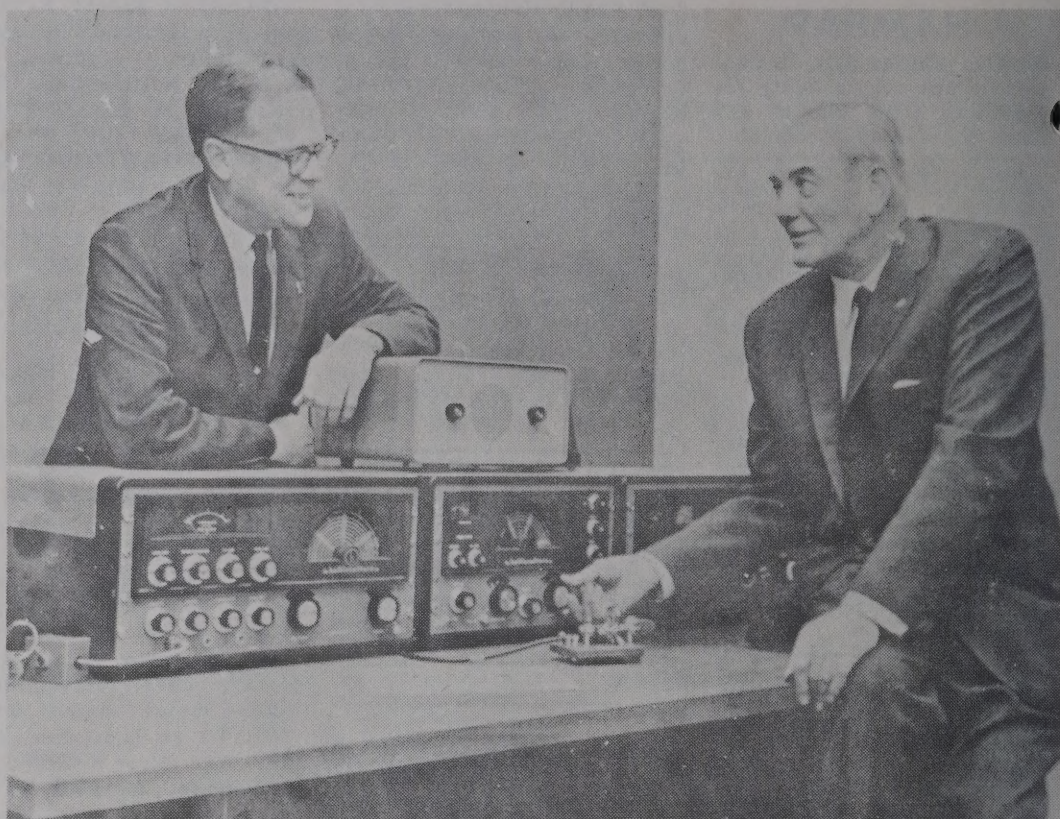
These were some of the comments made by the members of the Tampa Amateur Radio Club and the Hillsborough Amateur Radio Society while being conducted on a tour of John F. Kennedy Space Center, Friday March 27, 1964.

The tour was arranged by Don Fischer, WA4CJG, President of the Tampa Amateur Radio Club. The tour was conducted by Mr. Ed Johnson, Chief of Protocol for NASA, a motor caravan left Tampa at 8:00 A. M. and arrived at Cocoa Beach at 11:30 A. M. The 31 members of the tour had a delicious lunch at which time Major John Horn, Liaison Officer between Patrick AFB and NASA, made comments concerning the activity of both organizations as well as comments on local growth in population and business.

At 1:30 P. M. a NASA bus

At 1:30 P. M. a NASA bus picked up the group at Cape Colony Motor Inn and proceeded to the Cape. Mr. Ed Johnson was the narrator, explaining what was being seen. The group saw such things as the launch

Launch Site of a Redstone Missile, the complex where all the Astronauts encircled the globe. Complex 37, where they are currently preparing for a prob-



Herbert Hoover, Jr., W6ZH (right), President of the American Radio Relay League, is shown testing the equipment housed in the "ham shack" of the Coca-Cola Company Pavilion at the New York World's Fair while John Huntoon W1LVQ, ARRL General Manager looks on. Accredited U. S. amateur radio operators visiting the ARRL shack at The Coca-Cola Company Pavilion will be able to contact other "ham" operators throughout the world.

ing launch to the moon on April 7, 1964, a block house, which contains all the instruments that will be used in this launch, as well as other technical instruments.

All who made this tour will

have things to talk about for some time. Those who missed out should ask those who went for more and better stories.

The attendance of the advanced theory class is still running high, and this alone shows the

high interest being taken to learn more of the radio theory and operation.

73

Herb Smith, K4LML

Continued from front page

help the courageous blind ham regain a measure of mobility. The surgeon volunteered to donate his services, but the hospital bills would have to be paid... The John Lowe fund was set up, and through the generosity of scores of Florida residents, civic clubs, amateur radio clubs, and the tremendous support of Florida Skip, contributions came from all over the United States to help provide the much needed series of operations.

The first surgery was performed at the Winter Park Memorial Hospital February 5, 1963, when Low's left wrist was operated on and fused. Fusion was necessary, as he did not have the necessary muscle strength to hold up his hands. On May 15, 1963, the same operation was performed on the right wrist. He had no further surgery until February 28 of this year, when corrective surgery was done on his hands.

On March 11, his right hip was operated on, and about a week later, his left hip. On March 26, he sat up in a wheel chair.

Winter Park Hospital is making a substantial concession on the costs of the Lowe case in recognition of the outstanding and humane attitude of the people who have so generously supported the John Lowe Fund. Florida Skip is to be commended for their efforts to make the Fund a success, along with the scores of others who have made this possible.

At this time, John is recovering from the operations, and is doing fine. However, he will have to return to the hospital in about a month for further surgery on his hands.

In the meantime, between operations, John hasn't been idle. He started back to school in an effort to further his education, and I might add, he is making a B plus average with the grades.

His future from this point is not known, but at least he does have a future.....

73s

J. E. (Lucky) Parker K4EBO
Secretary: Polk County
Amateur Communications Society,
P. O. Box 64
Bartow, Florida